

PATENT
TH1754 (US)
DFH:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of)
JOHN F. KNIFTON, TALMADGE G. JAMES,)
PAUL R. WEIDER, JOSEPH B. POWELL,)
EDWARD L. NIELSEN, and)
GLENN C. KOMPLIN)
REDUCTION OF THE VISCOSITY OF) October 1, 2003
REACTIVE HEAVY BYPRODUCTS)
DURING THE PRODUCTION OF)
1,3-PROPANEDIOL)

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

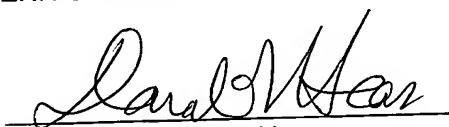
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

JOHN F. KNIFTON, TALMADGE G. JAMES,
PAUL R. WEIDER, JOSEPH B. POWELL,
EDWARD L. NIELSEN, and
GLENN C. KOMPLIN

By


Donald F. Haas
Registration No. 26,177
(713) 241-3356

P.O. Box 2463
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)			ATTY. DOCKET NO. TH1754 (US)	APPLICATION NUMBER			
LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)			APPLICANT J. F. Knifton et al.				
			FILING DATE	GROUP ART UNIT			
REFERENCE DESIGNATION							
U.S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	3,511,880	5/12/70	Booth	260	604	
	AB	4,242,284	12/30/80	Harris et al.	568	454	
	AC	4,861,918	8/29/89	Miller et al.	568	454	
	AD	5,744,649	4/28/98	Bryant et al.	568	454	
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes N
	AL						
	AM						
	AP						
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	AR	"Properties of the Principal Fats, Fatty Oils, Waxes, Fatty Acids and Their Salts," by M. P. Doss, The Texas Company, 1952,					
	AS	Rodds' Chemistry of Carbon Compounds, p. 87					
	AT	"β-Hydroxypropionic Acid," Organic Synthesis, Collective, Vol. 1, 2nd Edition, p. 321					
	AU	"Surface-Active Derivatives, Soaps, and Detergents," by W. M. Lynfield					
	AV	"Complex Formation between Carboxylic Acids and Divalent Metal Cations," by R. Keith Cannan and Andre Kibrick, J. Amer. Chem. Soc., 60, (1938) pp. 2314-2320					
EXAMINER			DATE CONSIDERED				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.